

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: **Jason GOSIOR et al.****RECEIVED  
CENTRAL FAX CENTER**Serial No.: **09/843,178****OCT 16 2004**Filing Date: **04/26/2001**Title: **MULTITHREAD EMBEDDED PROCESSOR  
WITH INPUT/OUTPUT CAPABILITY**Group Art Unit: **2183**Examiner: **O'Brien, Barry J.**Attorney Docket No.: **116.003**Customer No.: **31209**

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**Certificate of Transmission under 37 CFR 1.8**

I hereby certify that this correspondence (27 pages in total, comprising Amendment and Response [25 pages], Petition for 3-month extension [1 page], and Credit Card Payment Form PTO-2038 [1 page]) is being transmitted on October 16, 2004 from facsimile number (780) 424-2205 to the United States Patent and Trademark Office at (703) 872-9306.

Don Tomkins

Date

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**AMENDMENT AND RESPONSE TO  
OFFICE ACTION MAILED APRIL 16, 2004**

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October 16, 2004

TO: Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**(A) INTRODUCTORY COMMENTS****1. Amendment Filed With Petition for Three-Month Extension**

The present amendment is in response to the Office Action mailed April 16, 2004, and is being filed within six months of said mailing date. Since the shortened three-month statutory period for reply ended on July 16, 2004, the present submission is accompanied by a petition for a three-month extension pursuant to 37 CFR 1.136(a), plus a Credit Card Payment Form PTO-2038 authorizing payment of the corresponding extension fee pursuant to 37 CFR 1.17(a)(3).

**2. Amendments to the Application**

Applicants respectfully request entry of the amendments set out below, and consider the accompanying remarks and arguments, as follows:

- (a) Amendments to the specification as set out beginning on page 3 of this paper;
- (b) Amendments to the claims in accordance with the listing of claims which begins on page 14 of this paper; and
- (c) Remarks and Arguments as set out beginning on page 18 of this paper.